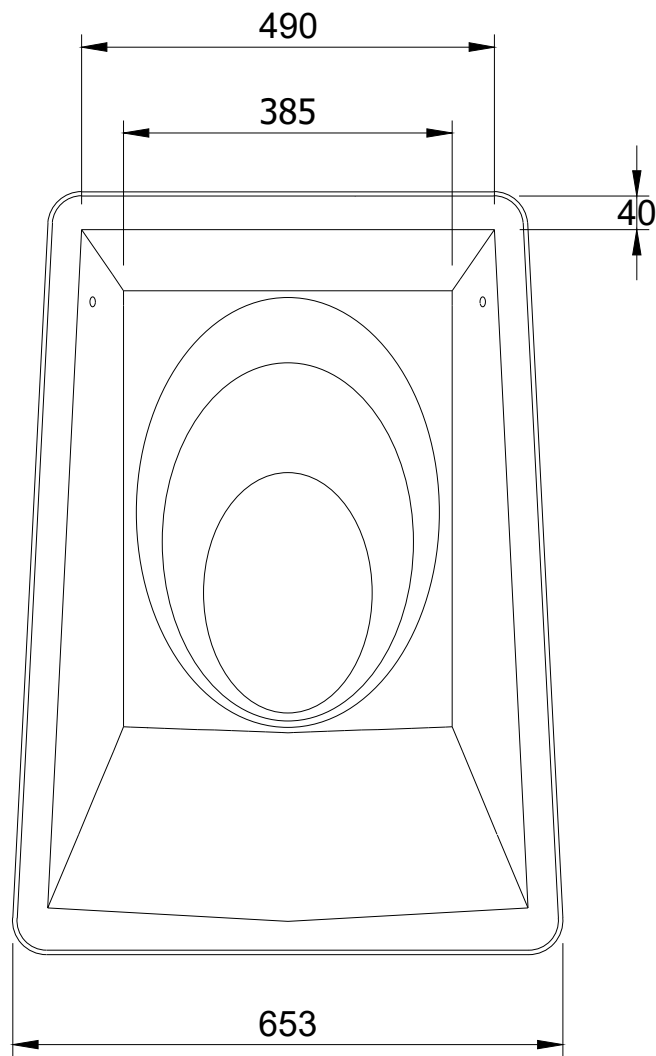
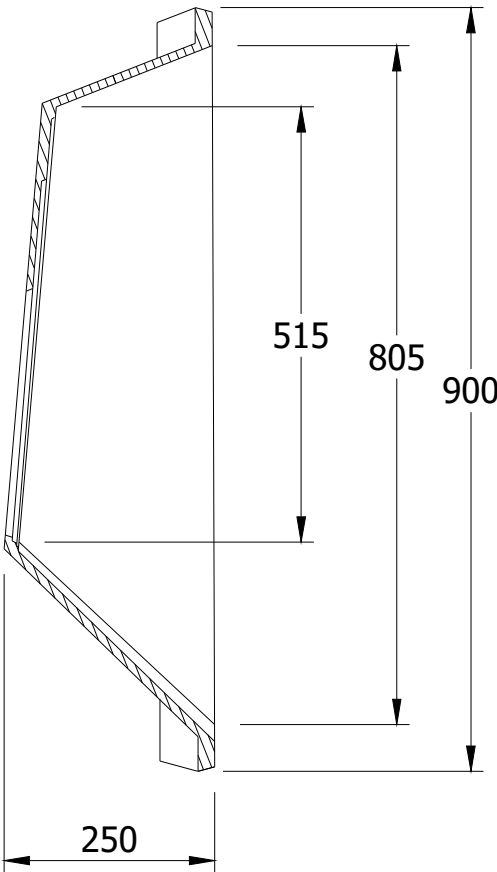
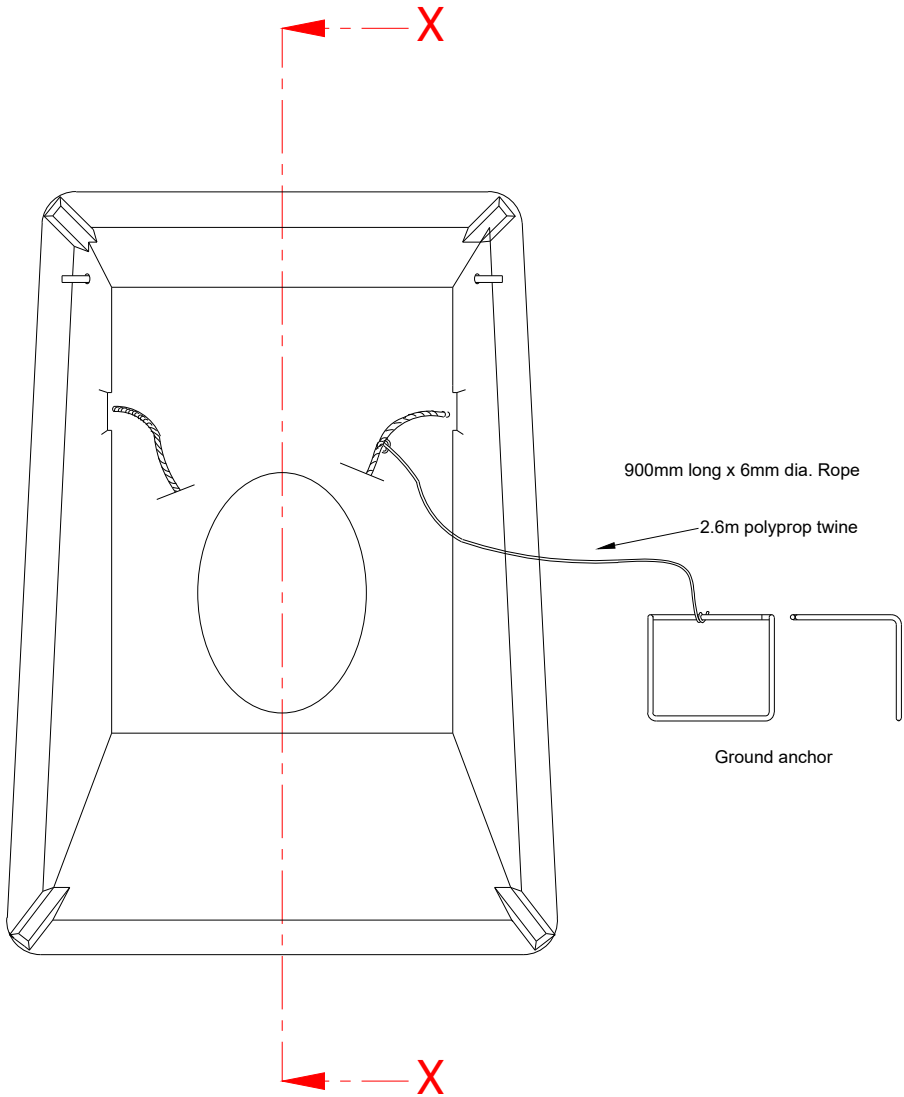




Front Elevation



Section XX



Rear Elevation

**NOTES:**

- All dimensions in mm
- All measurements  $\pm 1\text{mm}$

**Specification Information**  
A one piece glass reinforced headwall with an opening to suit 150mm diameter pipes and knockout webs to enlarge to 225mm and 300mm diameter pipes.

**Headwall Installation**  
Dig out sufficiently to allow headwall flanges to finish flush with the batter. Take outfall pipe ( minimum length 1.5m rigid impervious pipe) and slide it through headwall so it protrudes approximately 50mm. Make a good connection with the land drain and seal by returning approximately 150mm of soil into trench and consolidating. Unravel the string and draw the anchor back along the trench as the rest of the backfilling is completed.

**Material**

- Characteristic compressive strength of Glass Reinforced Concrete =  $60\text{N/mm}^2$
- Characteristic flexural strength of Glass Reinforced Concrete =  $6\text{N/mm}^2$
- Free water cement ratio:  $<0.55$
- Glass fibres:  $63\text{kg/m}^3$
- Minimum Cement content:  $900\text{kg/m}^3$
- Specification: XA2, DS2, DC2

| REV NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DATE       | DESCRIPTION     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|
| <div><div></div><div><p>ADDRESS: ALTHON LIMITED<br/>VULCAN ROAD SOUTH<br/>NORWICH<br/>NR6 9AF</p><p>TEL: 01603 488700<br/>FAX: 01603 488598<br/>EMAIL: sales@althon.co.uk<br/>WEBSITE: www.althon.co.uk</p><p>PROPRIETARY &amp; CONFIDENTIAL</p><p>The information contained in this drawing is the sole property of Althon Limited. Any reproduction in part or as a whole without the written permission of Althon Limited is strictly prohibited.</p></div></div> |            |                 |
| DRAWING TITLE / PROJECT:<br>General Purpose Large<br>GRC Headwall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |                 |
| CLIENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |                 |
| SCALE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PAPER:     | SHEET NO:       |
| NTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A3         | 01 OF 01        |
| DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10.05.2022 |                 |
| HEADWALL WEIGHT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 30kg       | TOE WEIGHT:     |
| MISC WEIGHT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N/A        | GRATING WEIGHT: |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N/A        | DRAWN BY:       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            | JW              |
| DRAWING No:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                 |

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